

Listing of the Claims:

1. (Cancelled) A cover assembly for regulating or adjusting the temperature of materials within a fluid conduit comprising:

a plurality of elongate fluid transfer profiles, each profile having a hollow interior for the passage of a thermal transfer fluid and an opposed exterior surface, said profile exterior surface including a concave exterior surface region extending along a length thereof;

a cover closable about said plurality of said elongate fluid transfer profile~~profiles~~ and adapted to position and maintain said concave exterior surface of each of said fluid transfer profiles in thermal contact with a fluid conduit.

2. (Cancelled) The cover assembly of claim 1 wherein said cover is adapted to position said plurality of profiles in thermal contact with a fluid conduit.

3. (Cancelled) The cover assembly of claim 2 wherein said cover comprises a flexible fabric having means for positioning each of said plurality of profiles at substantially radially symmetric positions about said fluid conduit.

4. (Previously presented) A cover assembly for regulating or adjusting the temperature of materials within a fluid conduit comprising:

a plurality of elongate fluid transfer profiles, each profile having a hollow interior for the passage of a thermal transfer fluid and an opposed exterior surface, said profile exterior surface including a concave exterior surface region extending along a length thereof;

a cover closable about said fluid transfer profiles and adapted to position and maintain said respective concave exterior surfaces in thermal contact with a fluid conduit, wherein the cover is adapted to position the profile in thermal contact with a fluid conduit, the cover comprising a flexible fabric having means for positioning each of said plurality of profiles at substantially radially symmetric positions about said fluid conduit and a plurality of straps attached to an inside of said cover for positioning said profiles.

5. (Currently amended) The cover assembly of claim 4 ~~claim 3~~ comprising 4 profiles.

6. (Currently amended) The cover assembly of claim 4 ~~claim 3~~ comprising 6 profiles.

7. (Currently amended) The cover assembly of claim 4 ~~claim 1~~ comprising a plurality of profiles formed from metal.

8. (Original) The cover assembly of claim 7 wherein said at least one fluid transfer profile is formed from a metal selected from the group consisting of copper and aluminum.

9. (Currently amended) The cover assembly of claim 4 ~~claim 4~~ wherein said concave exterior surface comprises a portion of a substantially circular radius.

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Previously presented) A cover assembly for a fluid transfer conduit comprising:
a flexible fabric cover having a first side and a second side, said cover being openable to a first substantially planar conformation, and closeable to a second substantially cylindrical conformation, said cover comprising means for attaching to itself in said second conformation, wherein said first side is oriented toward the fluid transfer conduit in said second conformation and said second side is oriented away from the fluid transfer conduit in said second conformation; and

a plurality of elongate hollow profiles mounted in said cover, each of said profiles comprising a concave wall surface

wherein the flexible fabric cover includes means for connecting the plurality of elongate hollow profiles to the first face of the cover, the mounting means attached to the first side of the flexible fabric cover, and wherein each of said profiles is substantially rectangular in cross section, each of said profiles comprising three substantially planar wall surfaces and an arcuate wall surface.

20. (Cancelled)

21. (Previously Presented) The cover assembly of claim 19 wherein each of said profiles has opposed end portions and wherein, in said first conformation, said end portions are substantially uniformly out of a plane defined by said cover, and wherein in said second conformation said end portions are substantially uniformly away from an axis of a cylinder defined by said cover.

22. (Previously presented) A cover assembly for a fluid transfer conduit comprising:
a flexible fabric cover having a first side and a second side, said cover being openable to a first substantially planar conformation, and closeable to a second substantially cylindrical conformation, said cover comprising means for attaching to itself in said second conformation, wherein said first side is oriented toward the fluid transfer conduit in said second conformation and said second side is oriented away from the fluid transfer conduit in said second conformation; and

a plurality of elongate hollow profiles mounted in said cover, each of said profiles comprising a concave wall surface

wherein the flexible fabric cover includes means for connecting the plurality of elongate hollow profiles to the first face of the cover, the mounting means attached to the first side of the flexible fabric cover, the connecting means including first and second fabric strips sewn to an inside of said cover at a plurality of locations, each of said strips defining a plurality of loops for receipt of a profile.

23. (Previously presented) The cover assembly of claim 19 wherein said cover comprises a thermally insulating material

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- 24. (Cancelled)
- 25. (Cancelled)
- 26. (Cancelled)
- 27. (Cancelled)